

Converting Colors

Hex(6AA8D4)

Have a look what the booklet for
Hex(6AA8D4) contains.

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Color

Hex(6AA8D4)

Conversions

Conversions Part 1

Format	Color
Hex	6AA8D4
RGB	106, 168, 212
RGB Percent	42%, 66%, 83%
CMY	0.5843, 0.3412, 0.1686
CMYK	0.50, 0.21, 0.00, 0.17
HSL	205°, 55%, 62%
HSV	205°, 50%, 83%
XYZ	31.8302, 35.8229, 67.5242
YIQ	154.4780, -51.0760, 0.5400

Conversions

Conversions Part 2

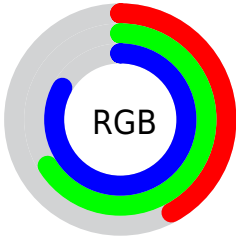
Format	Color
RYB	106, 145, 212
Decimal	6990036
CIELab	66.38, -7.89, -28.51
CIELCh	66, 29.583, 254.539
Yxy	35.8229, 0.2355, 0.2650
Android (android.graphics.Color)	4285180116 (0xFF6AA8D4)
YUV	154.4780, 28.3583, -42.5152
Hunter-Lab	59.8522, -9.8129, -24.9934

Details

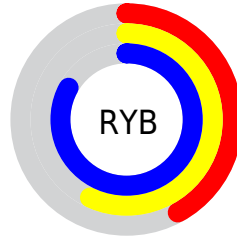
The Hex color **6AA8D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4966A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A3DFFF**, and **2F749D** is the 20% darker color. If you saturate the color by 10%, you get **559FD4**, and if you desaturate by 10%, it is **7FB1D4**.

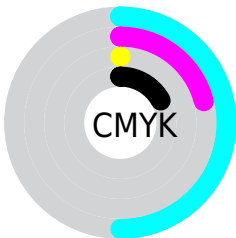
Distribution



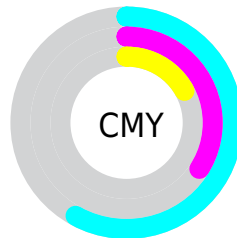
- Red (42%)
- Green (66%)
- Blue (83%)



- Red (42%)
- Yellow (57%)
- Blue (83%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA8D4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6AA8D4 by changing the saturation by 10% instead.

■ 6AA8D4

■ 6AA8D4

FFFFFF

■ 4D8EB8

■ A3DFFF

■ 2F749D

■ BFFCFF

■ 005C83

■ DDFFFF

■ 00446A

■ FAFFFF

■ 002E51

■ 001A3A

■ 000224

■ 00000C

■ 000000

■ 6AA8D4

■ 6AA8D4

■ 559FD4

■ 7FB1D4

■ 4096D4

■ 94BAD4

■ 2A8ED4

■ AAC2D4

■ 1585D4

■ BFCBD4

■ 007CD4

■ D4D4D4

■ E9DDD4

■ FEE6D4

■ FFEED4

■ FFF7D4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4DAEC6



6AA8D4



929FD5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6AA8D4



D78E95



89AB7B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6AA8D4



D4966A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A7A46E



6AA8D4



D1937D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6AA8D4



CD8FB0



C09B6F



6AAF92

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6AA8D4



AA99CD



C09B6F



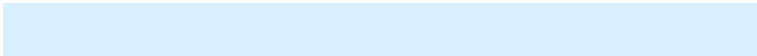
93A975

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6AA8D4



D9EFFF



6AD494



697680



000000



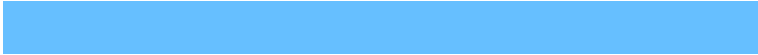
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6AA8D4



66BFFF



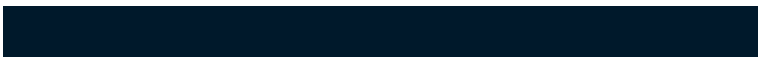
6A75D4



60676B



0064AB



00192B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D46AA8



FF66BF



D4C96A



6B6067



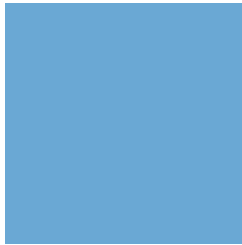
AB0064



2B0019

Previews

White Background



This preview shows how the Hex color 6AA8D4 looks on a white background.

Color Contrast Check

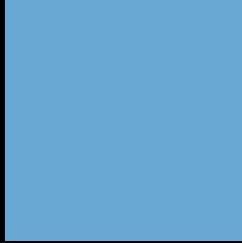
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6AA8D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

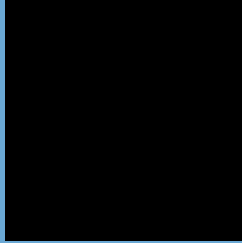
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

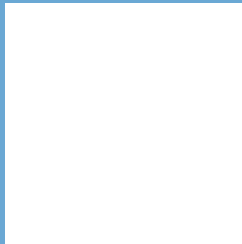
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6AA8D4 Background



This preview shows how black text looks on a background with the Hex color 6AA8D4.

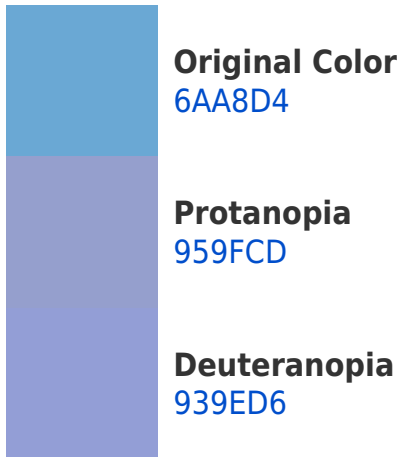


This preview shows how white text looks on a background with the Hex color 6AA8D4.

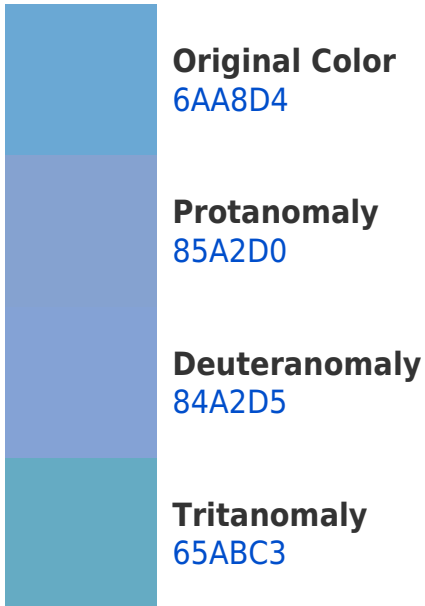
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

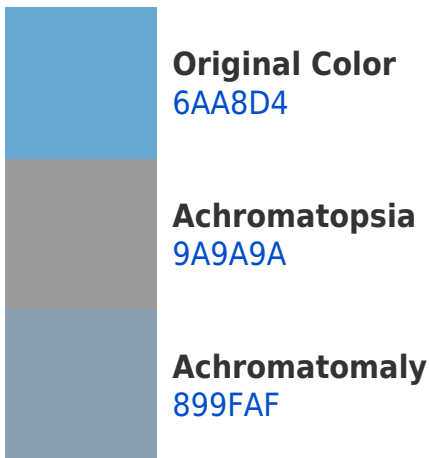
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA8D4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6AA8D4 looks like.

```
.text, #text, p{  
    color:#6AA8D4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6AA8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA8D4  
}
```

Border

The CSS property to change the border of an element to Hex 6AA8D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6AA8D4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6AA8D4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6AA8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA8D4; -webkit-box-shadow:4px 4px  
4px 4px #6AA8D4; box-shadow:4px 4px 4px  
4px #6AA8D4 }
```

Background

The CSS property to change the background color of an element to Hex 6AA8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA8D4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6AA8D4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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